

HAVASU CREEK BASIN

09404070 LITTLE RED HORSE WASH NEAR GRAND CANYON, AZ

LOCATION.--Lat 35°50'45", long 112°07'55", in NW¹/₄ sec.1, T.28 N., R.2 E., Coconino County, Hydrologic Unit 15010004, at State Highway 64, 0.1 mi south of road to Old Grand Canyon airport, and 15 mi south of Grand Canyon Village.

DRAINAGE AREA.--21.8 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1963	08-24-63	16		1970	00-00-70	0	
1964	00-00-64	0.1		1971	00-00-71	2.0	ES
1965	10-17-64	15		1972	00-00-72	0	
1966	00-00-66	0		1973	00-00-73	0	
1967	00-00-67	62		1974	00-00-74	0	
1968	00-00-68	0		1975	00-00-75	0	
1969	00-00-69	0		1976	00-00-76	0	

Magnitude and probability of instantaneous peak flow based on period of record

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50	100
50%	20%	10%	4%	2%	1%
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Weighted skew	(logs) =	---	---	---	---
Mean	(logs) =	---	---	---	---
Standard dev.	(logs) =	---	---	---	---

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
56.9	9.6	6,780	87.0	3.0	13.2	1.7	3.3

